

# THE BLACK & DECKER MFG. CO.

Portable Electric Tools "With the Pistol Grip and Trigger Switch"

ATLANTA  
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BOSTON  
BUFFALO

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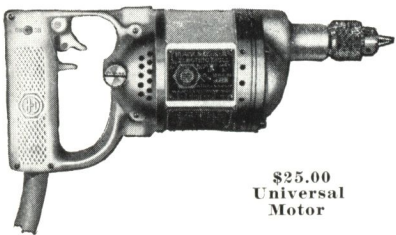
SLOUGH, BUCKS, ENG.

SYDNEY, AUSTRALIA

## TOWSON, MARYLAND

Black & Decker Electric Tools are carried in stock by the leading electrical, mill supply, machinery, plumbing and hardware supply houses. Call your regular supply house on the Phone.

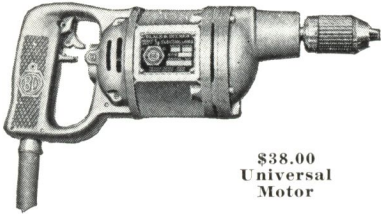
### 1/4-in. Light-duty Electric Drill



\$25.00  
Universal  
Motor

Capacity in steel ..... Up to 1/4-in.  
No-load speed ..... 2000 r.p.m.  
Net weight ..... 5 lb.

### 1/4-in. Heavy-duty Ball-bearing Electric Drill



\$38.00  
Universal  
Motor

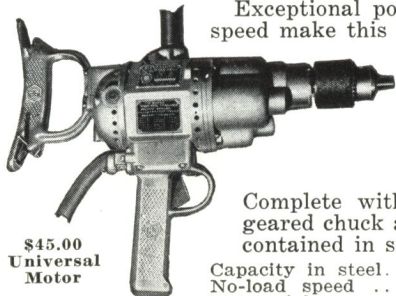
Capacity in steel ..... Up to 1/4-in.  
No-load speed ..... 2000 r.p.m.  
Net weight ..... 7 1/4 lb.

### 5/16-in. Ball-bearing Electric Drill

A continuous production tool having ball bearings, and heat-treated steel gears in a greasetight compartment. Operates on A.C. or D.C. Furnished for 32, 110, 220 or 250 volts. Complete with cable, plug and 3-jaw keyless chuck.

Capacity in steel ..... Up to 5/16-in.  
No-load speed ..... 1400 r.p.m.  
Net weight ..... 7 1/2 lb.  
Price, all voltages ..... \$48.00

### 1/2-in. Ball-bearing Electric Drill

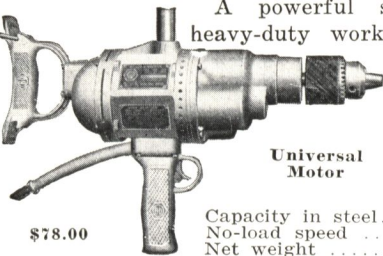


\$45.00  
Universal  
Motor

Exceptional power and low spindle speed make this the ideal tool for all general and maintenance work. Finest bearing and steel gear design throughout. For 32, 110, 220 or 250 volts, A.C. or D.C. Complete with cable, plug, 3-jaw geared chuck and chuck key holder contained in spade handle.

Capacity in steel ..... Up to 1/2-in.  
No-load speed ..... 400 r.p.m.  
Net weight ..... 12 1/2 lb.

### 3/4-in. Ball-bearing Electric Drill



Universal  
Motor

\$78.00

A powerful slow-speed drill for heavy-duty work. For 110, 220 or 250 volts, A.C. or D.C. Complete with cable, plug, 3-jaw geared chuck and detachable side handle.

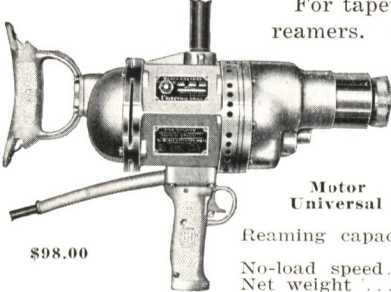
Capacity in steel ..... 3/16 to 3/4-in.  
No-load speed ..... 425 r.p.m.  
Net weight ..... 23 1/2 lb.

### 5/8-in. Ball-bearing Electric Drill

A general purpose drill of tremendous power and light weight. Universal motor. Furnished for 32, 110, 220 or 250 volts. Detachable side handle, and complete with cable, plug and 3-jaw geared chuck.

Capacity in steel ..... 5/32 to 5/8-in.  
No-load speed ..... 500 r.p.m.  
Net weight ..... 17 1/2 lb.  
Complete ..... \$68.00

### 1-in. Ball-bearing Electric Drill



Motor  
Universal

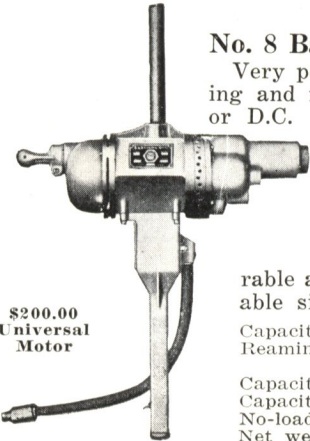
\$98.00

For taper shank drill bits and reamers. For 110, 220 or 250 volts, A.C. or D.C. Complete with cable, plug and detachable side handle. Drilling capacity in steel, up to 1 in.

Reaming capacity in steel, 1/16 to 1/2-in.  
No-load speed ..... 350 r.p.m.  
Net weight ..... 26 lb.

### No. 8 Ball-bearing Electric Drill

Very powerful tool for heavy drilling and reaming. Operates on A.C. or D.C. Furnished for 110, 220 or 250 volts. Standard equipment: Spade handle, No. 4 Morse taper socket for taper shank drill bits from 59/64" to 1 1/2", electric cable, separable attachment plug, and detachable side handle.

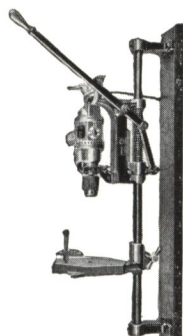


\$200.00  
Universal  
Motor

Capacity in steel .... 59/64 to 1 1/2-in.  
Reaming capacity in steel 37/64 to 15/16-in.  
Capacity in hardwood up to .... 4-in.  
Capacity in coal up to ..... 2-in.  
No-load speed ..... 350 r.p.m.  
Net weight ..... 66 lb.



## Black &amp; Decker Bench and Post Drill Stands

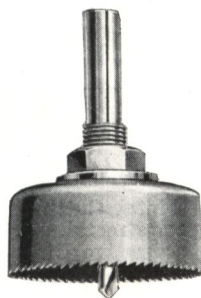
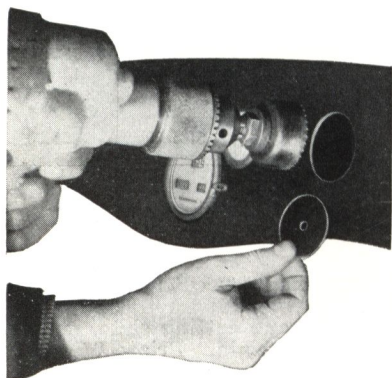
Bench  
StandPost  
Stand

With the use of a Black & Decker Bench or Post Drill Stand your portable electric drill can be quickly and easily converted into an extremely efficient drill press. The operating handle has a 6 to 1 leverage (enabling the operator to exert tremendous power on the work. The bracket carrying the tool can be raised or lowered on the column or swung in a circle and is secured by a split collar and clamping screw. Screw drivers or tappers can also be used in these stands to relieve the operator from the torque of the tool.

Unit	Bench stands		Post stands	
	Cat. No.	Price	Cat. No.	Price
$\frac{1}{4}$ " (all types).....	10040	\$12.00		
$\frac{3}{8}$ ".....	10040	12.00		
$\frac{1}{2}$ ".....	10130	18.00		
$\frac{5}{8}$ ".....	10150	28.00	20150	\$32.00
$\frac{3}{4}$ ".....	10210	28.00	20210	32.00
1".....	10240	28.00	20240	32.00
Nos. 1 and 2 Screwdriver.....	10040	12.00		
No. 3 Nut Runner.....	10140	28.00	20140	32.00
No. 4 Nut Runner.....	10220	28.00	20220	32.00
No. 2 Tapper.....	10040	12.00		

Be sure to mention drill code number when ordering, so that proper adapter can be supplied.

## Black &amp; Decker Hole Saws



Black & Decker Hole Saws increase the range of a  $\frac{1}{2}$ " electric drill to  $3\frac{1}{2}$ " and are used for cutting clean round holes in metal, wood, or any material that can be cut with a hack saw.

Made of the finest quality tungsten steel, carefully hardened, strong and durable. The mandrel automatically holds a  $\frac{1}{4}$ " twist drill which drills the pilot hole to serve as a guide for the saw. Holes up to  $\frac{7}{8}$ " deep can be cut.

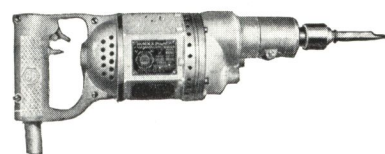
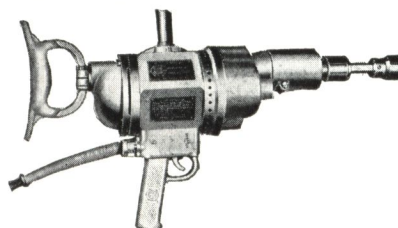
## HOLE SAW ONLY (without Mandrels)

Saw size	Use with Mandrel No.	Price
$\frac{3}{4}$ ".....	00903	\$ .60
$\frac{1}{2}$ ".....	00904	.60
$\frac{1}{4}$ ".....	00904	.90
$\frac{1}{8}$ ".....	00904	1.25
$\frac{1}{4}$ " to $\frac{3}{2}$ " inclusive.....		

## MANDRELS

00903	Mandrel with pilot drill (for $\frac{3}{4}$ " to $1\frac{1}{8}$ " saws).....	\$1.50
00904	Mandrel with pilot drill (for $1\frac{1}{4}$ " to $3\frac{1}{2}$ " saws).....	1.50

## Black &amp; Decker Screw Drivers and Nut Runners

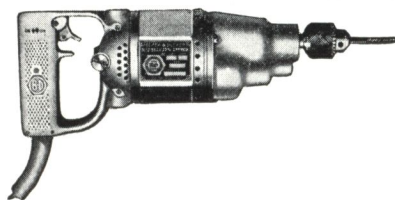


Black & Decker Screw Drivers and Nut Runners have been designed to speed up your work. They will drive wood screws, lag screws, and nuts or bolts in a fraction of the time required by hand. These units are ball-bearing throughout and are provided with positive clutch which releases when forward pressure on tool is relieved.

	Screw driver		Nut runner	
	No. 1	No. 2	No. 3	No. 4
No-load Speed, r. p. m.....	500	500	500	500
Net weight, lb.....	7	9	18	27
Reversing switch, extra.....	\$10.00	\$10.00	\$15.00	\$15.00
Price, all voltages.....	48.00	68.00	88.00	108.00

Furnished for 32, 110, 220 or 250 volts.  
Universal motors operate on either A. C. or D. C.

## Black &amp; Decker No. 2 Ball-bearing Tapper



Designed for tapping threads in steel, cast iron, brass or aluminum at a much greater speed than is possible by hand. The 3-jaw geared tap chuck automatically reverses and backs the tap out of the threaded hole at double speed when operator gives a backward pull on the machine. No reversing switch is needed.

Ball bearings are used on the armature shaft; all gears and clutch are of special steel, carefully heat-treated.

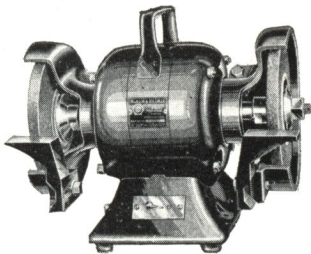
Capacity in cast iron,  $\frac{3}{8}$ " tap; in steel,  $\frac{1}{4}$ " tap; in brass or aluminum,  $\frac{1}{2}$ " tap.

No-load speed, 300 r.p.m.; net weight,  $9\frac{1}{2}$  lb. Price, all voltages ..... \$78.00

(Continued on Next Page)



6-in. Ball-bearing Bench Grinder



An entirely new, powerful grinder with ball bearings throughout, designed for general purpose grinding and tool sharpening. Wheel guards are adjustable, making it possible to grind at any position on the wheel circumference. Rubber feet and lifting handle afford the utmost in convenience. This grinder is practically vibrationless, due to the inherent balance and the shock absorbing qualities of the rubber feet.

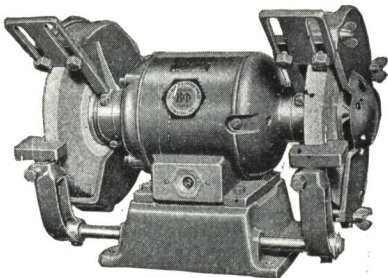
Size of wheels, 6" diameter, by 1/2" face by 1/2" hole  
Net weight ..... 36 lb.  
Motor ..... 110 volts, 50-60 cycles, single phase, A.C.  
No-load speed ..... 3600 r.p.m.  
Price ..... \$35.00

7-in. Ball-bearing Bench Grinder

An ideal ball-bearing grinder for sharpening all kinds of edge tools and for general purpose grinding. Ideal for factory use. Complete as illustrated.

Size of wheels, 7" diameter by 3/4" face by 1/2" hole  
No-load speed, for 60 cycles A.C. and D.C. .... 3600 r.p.m.  
(for 25 cycle, 1500 r.p.m.; for 40 cycle, 2400 r.p.m.; for 50 cycle, 3000 r.p.m.)  
Net weight ..... 50 lb.  
Price, all voltages ..... \$56.00  
Pedestal, extra ..... 14.00  
Furnished for 32, 110 or 220 volts.

10-in. Ball-bearing Bench Grinder



A powerful ball-bearing bench grinder designed for use on either bench or pedestal to take care of tool grinding and all types of general grinding and buffing. It is equipped with enclosed type of safety wheel guards with adjustable tongue to follow up the wheel wear.

Two grinding wheels, 10" in diameter by 1" face by 3/4" hole (one coarse and one fine), are supplied as standard equipment.

No-load speed for D.C. .... 2000 r.p.m.  
(for 25 cycle, A.C., 1500 r.p.m.; 40 cycle A.C., 2400 r.p.m.; 50 cycle A.C., 1500 r.p.m.; 60 cycle A.C., 1800 r.p.m.)  
Net weight ..... 120 lb.  
Price, all voltages ..... \$118.00  
Pedestal, extra ..... 24.00  
Furnished for 110 or 220 volts.

Grinding Wheels

Black & Decker Grinding Wheels can be obtained for Black & Decker Bench Grinders, Portable Grinders, Grinding Outfits, and Valve Refacers, in sizes applicable to these units. Your jobber has them in stock.



Portable Electric Grinders

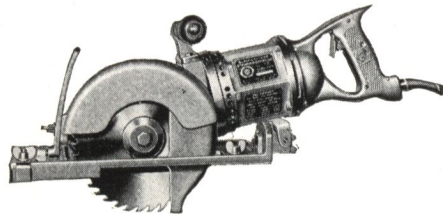


Black & Decker 4", 5" and 6" Portable Electric Grinders have been designed to efficiently take care of any type of portable grinding work within the limits of their rated capacity. These grinders have anti-friction bearings throughout. The powerful universal motor armatures in these grinders are mounted on ball bearings equipped with dust seals. The grinding wheel spindle is driven through a set of special steel gears, carefully heat-treated. Grinder spindle is carried in a long housing with taper roller bearings at the extreme ends.

Grinder	Grinding wheel size			No-load speed, r. p. m.	Net wt., lb.	Price, all voltages
	Diam.	Width	Diam. of hole			
4"	4"	3/4"	1/2"	4800	10	\$60.00
5"	5"	3/4"	1/2"	3800	15	80.00
6"	6"	1"	5/8"	3300	24	90.00

Furnished for 110, 220 or 250 volts.  
Universal Motors operate on either A. C. or D. C.

Portable Electric Saws



In all types of building work, large construction jobs, railroad car repair work, etc., the Black & Decker Saw will quickly pay for itself, due to the tremendous saving in time and labor. These saws, built in 6", 8" and 10" sizes, are full ball-bearing and have chrome-nickel gears and shafts throughout. Shoe adjustable from 0° to 45° and notched for following pencil line on work. The saw blade is entirely enclosed with telescopic guard, providing the maximum in safety. With the use of proper saw blade or abrasive disc, will also cut light gauge metal, slate, marble, asbestos, tile, transite and porcelain.

	6" saw	8" saw	10" saw
Diameter saw blade. ....	6 "	8 "	10 "
Depth of cut (adjustable) ....	1 3/4"	2 1/2"	3 1/2"
No-load saw speed (r. p. m.) ....	3000	2500	2000
Net weight (lb) ....	18 1/4	26	33 3/4
Price, all voltages. ....	\$95.00	\$135.00	\$165.00

Furnished for 110, 220 or 250 volts.  
6" saw also furnished for 32 volts.  
Universal motors operate on either A. C. or D. C.

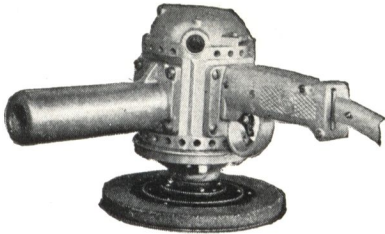
Saw Accessories

**Metal Cutting Saw**—Designed for cutting soft, light gauge metal. Price for 6" saw, 3.75; for 8" saw, \$6.00.  
**Abrasive Disc**—For sawing and cutting slate, marble, asbestos, tile, transite and porcelain. Price: 6" x 1/8", \$2.50; 8" x 1/8", \$3.50.

Special Saws	Used with		
	6" saw	8" saw	10" saw
40-tooth rip saw. ....	\$4.50	\$6.00	\$ 7.50
100-tooth crosscut saw. ....	4.50	6.00	7.50
Planer saw. ....	7.50	9.50	12.00



## Portable Electric Sander



Black & Decker 7" and 9" ball-bearing portable electric sanders will quickly and easily perform sanding, grinding, cleaning, smoothing, rubbing and polishing operations.

In automotive work they are particularly well adapted for removing rust and corrosion before painting. They also perform the tedious work of rubbing down and polishing lacquer paints in a fraction of the time required by hand.

In industrial work they are used for smoothing flat or curved surfaces, welds, soldered seams, and for cleaning dies. They can be used with abrasive discs of various grades, from the finest sand paper to the coarsest emery.

	7-in. sander	9-in. sander
Diameter of sanding disc.....	7"	9"
No-load speed in r.p.m.....	4500	2700
Net weight in pounds.....	9½	12½
Price, all voltages.....	\$68.00	\$88.00
Extra Sanding Discs (per doz.).....	3.60	4.80

Furnished for 32, 110, 220 or 250 volts.

These sanders have universal motors and will operate on either A. C. or D. C.

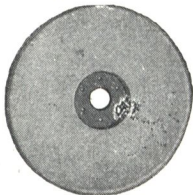
## Sander Accessories



Cup Grinding Wheel



Spindle Extension



Felt Rubbing Pad



Wire Wheel Brush



Wire Cup Brush



Lambswool Polishing Pad

**Cup Grinding Wheel**—For smoothing welds and other surfaces where considerable metal is to be removed.  
For 7" and 9" Sanders..... \$2.50

**Wire Wheel Brush**—For cleaning and removing rust from surfaces before painting.  
For 7" and 9" Sanders..... \$3.50

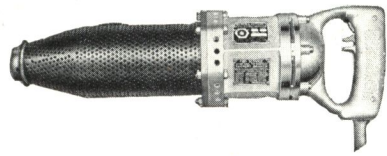
**Wire Cup Brush**—Specially designed brush for cleaning castings, structural steel tanks, and sheet metal.  
For 7" and 9" Sanders..... \$6.00

**Spindle Extension**—For attaching cup grinding wheels and wire wheel brush to sander.  
For 7" and 9" Sanders..... \$2.00

**Felt Rubbing Pad**—For rubbing down lacquer and for polishing.  
For 7" Sander..... \$1.50  
For 9" Sander..... 2.00

**Lambswool Polishing Pad**—For cleaning and polishing lacquer finishes and for obtaining final high lustre.  
For 7" Sander..... \$2.75  
For 9" Sander..... 4.00

## Portable Electric Hammers



Black & Decker Portable Electric Hammers are ideal for driving any type of tool where hammer action is desired, such as star drills, steel chisels, wood working chisels, etc. They are particularly well suited for drilling holes in concrete, stone, brick, marble, or tile.

Obtainable in No. 2, No. 4, and No. 6 sizes, it is possible for you to select a hammer having the capacity best fitted for your particular application.

Each hammer is packed in a fibre carrying case together with one star drill, one drift key, one tool retaining spring, and the corresponding chucks and turning wrenches.

	No. 2	No. 4	No. 6
Drilling capacity.....	5/8"	1 1/8"	1 3/8"
Number of blows per minute....	3300	2900	2900
Net weight, lb.....	10	16 1/2	23
Overall length.....	16 3/8"	19"	20 3/4"
Price, all voltages.....	\$145.00	\$185.00	\$245.00

Furnished for 110, 220, or 250 volts.

Universal motors operate on either A. C. or D. C.

## Hammer Tools



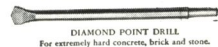
BUSH TOOL  
For surfacing concrete walls to remove irregularities of form.



STAR DRILL  
For concrete, brick and soft stone.



BULL POINT  
For breaking up concrete or brick walls.



DIAMOND POINT DRILL  
For extremely hard concrete, brick and stone.



COLD CHISEL  
For cutting and chipping steel, cast iron, concrete, etc.



STAR DRILL CHUCK  
For holding and rotating Star and Diamond Point Drills.



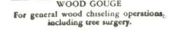
DRIFT KEY  
For removing Star and Diamond Point Drills from chucks.



SEAM TOOL  
For removing mortar between bricks to make openings in brick walls.



FLAT WOOD CHISEL  
For wood chiseling, including tree surgery.



WOOD GOUGE  
For general wood chiseling operations, including tree surgery.

The hammer tools illustrated are specially designed and should be used to secure best results from Black & Decker Electric Hammers.

Star drills and diamond point drills can be obtained in sizes ranging from 1/4" to 2" in diameter, in 5", 9", 12", 16", 20", and 24" lengths.

Consult your jobber for prices and additional information on these Black & Decker Hammer Accessories.

## Glue Pots

A scientifically designed product which maintains glue at a constant temperature. The heating element is of Nichrome ribbon, with mica plates a thermostatic control maintains the glue at a temperature of 150 degrees, Fahrenheit.

The glue container is made of cast aluminum, carefully machined to properly fit the gray iron water receptacle, thereby conserving heat. The sloping sides reduce tendency of spillage down the sides.

Supplied for 110 and 220 volts—alternating current only.  
Price ..... \$27.00

